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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Docket No. 874.0105.U1(US)
NC33266/NC33269

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIRECT CONVERSION RECEIVER ARCHITECTURE

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) | Priority Claimed | | |
|------------------------------|------------------|---------------------|--|
| Number | Country | Day/Mon/Year Filed) | <input type="checkbox"/> Yes <input type="checkbox"/> No |

I hereby claim benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| Application Serial No. | Filing Date | Status |
|------------------------|-------------|--------|
|------------------------|-------------|--------|

POWER OF ATTORNEY: As a named inventor, I hereby appoint the attorneys and/or agents listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

| NAMES | REGISTRATION NUMBERS |
|-------|----------------------|
|-------|----------------------|

| | |
|--------------|--------|
| Steven Shaw | 39,368 |
| Brian Rivers | 41,270 |
| Milan Patel | 41,242 |

and all Attorneys and/or Agents listed under Customer Number: 29683 including:

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| Mark Harrington | 31,686 |
| Harry Smith | 32,493 |
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Harrington & Smith LLP
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor:

FULL NAME OF INVENTOR LAST NAME FIRST NAME MIDDLE INITIAL
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Inventor's Signature



Date Jan 21, 2002

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Date Jan 21, 2002

(3) Inventor:

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Inventor's Signature



Date Jan 21, 2002

For U.S. and/or Foreign Rights
 For U.S. Application or U.S. Patent
 For PCT Application
 By Single or Multiple Inventors

ASSIGNMENT OF INVENTION

Docket No. 874.0105.U1(US)
 NC33266/NC33269

in accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

| | | | |
|---------------------------------|---------------------------------------|---|----------------|
| FULL NAME OF INVENTOR | LAST NAME Vilhonen | FIRST NAME Sami | MIDDLE INITIAL |
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| POST OFFICE ADDRESS | P.O. ADDRESS Katajarinne 11 | CITY & COUNTRY FIN-24280 Salo Finland | |

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE:

Nokia Corporation
Keilalahdentie 4, 02150
Espoo, Finland

and the successors, assigns and legal representatives of the ASSIGNEE

X the entire right, title and interest

for the United States and its territorial possessions

X and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

DIRECT CONVERSION RECEIVER ARCHITECTURE

that is found in

X U.S. patent application executed on even date herewith

X and any legal equivalent thereof in a foreign country,
including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I (We) have hereunto set hand and seal this

Jan 21, 2002

(Date(s) of Signing).

(1) **Sami Vilhonen**
Assignor Name

Sami Vilhonen
Signature

Witnessed by

Matti Salo
Signature

Jan 21, 2002
Date

(2) **Markus Pettersson**
Assignor Name

Markus Pettersson
Signature

Witnessed by

Matti Salo
Signature

Jan 21, 2002
Date

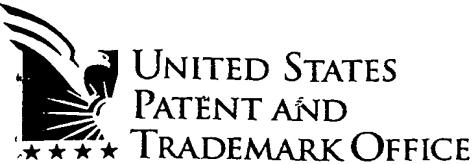
(3) **Jarmo Heinonen**
Assignor Name

Jarmo Heinonen
Signature

Witnessed by

Matti Salo
Signature

Jan 21, 2002
Date



MARCH 27, 2002

PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.gov

HARRY F. SMITH
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RECORDATION DATE: 01/24/2002

REEL/FRAME: 012523/0160

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

VILHONEN, SAMI

DOC DATE: 01/21/2002

ASSIGNEE:

PETTERSSON, MARKUS

DOC DATE: 01/21/2002

ASSIGNEE:

HEINONEN, JARMO

DOC DATE: 01/21/2002

ASSIGNEE:

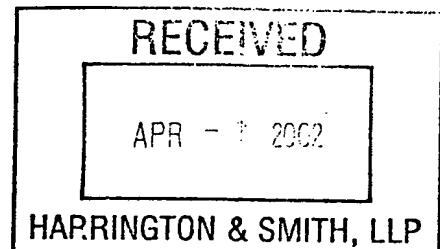
NOKIA CORPORATION
KEILALAHIDENTIE 4, 02150
ESPoo, FINLAND FIN-02150

SERIAL NUMBER: 10054568

FILING DATE: 01/22/2002

PATENT NUMBER:

ISSUE DATE:



012523/0160 PAGE 2

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-04-2002



DOI No.: 874.0105.U1(US)

HEET

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Patent and Trademark Office

101970319

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Sami Vilhonen
Markus Pettersson
Jarmo Heinonen

01/21/02

Additional names(s) of conveying party(ies)

Yes No

2. Name and address of receiving party(ies):

Name: Nokia Corporation

Address: Keilalahdentie 4, 02150

10/054568
01/22/02
101970319
U.S. PRO

Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 21, 2002

City: Espoo State/Prov.: _____
Country: Finland ZIP: FIN-02150

Additional name(s) & address(es) Yes No

3. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: January 21, 2002

Patent Application No. Filing date

01/29/2002 10054568
03 FC:581 40.00 0P

B. Patent No.(s)

Additional numbers

Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Harry F. Smith

Registration No. 32,493

Address: Harrington & Smith, LLP

1809 Black Rock Turnpike

City: Fairfield State/Prov.: CT

Country: _____ ZIP: 06432

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Harry F. Smith

Name of Person Signing

Signature

January 22, 2002

4

Date

Total number of pages including cover sheet, attachments, and

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